

# D-MEC SCR701

Epoxy; Epoxide

D-MEC Ltd.

## Message:

Characteristics: General use, moisture resistant

Laser: Ar/solid-state

Post-cure: Not needed

General Information			
Features	General Purpose		
	Moisture Resistant		
Uses	General Purpose		
Forms	Liquid		
Processing Method	3D Printing, Stereolithography		
Physical	Nominal Value	Unit	
Density <sup>1</sup>	1.13	g/cm <sup>3</sup>	
Viscosity <sup>2</sup> (25°C)	340	mPa · s	
Critical Exposure	33.0	mJ/cm <sup>2</sup>	
Penetration Depth	191.0	µm	
Hardness	Nominal Value	Unit	
Durometer Hardness (Shore D)	87		
Mechanical	Nominal Value	Unit	
Tensile Modulus	3300	MPa	
Tensile Strength	75.0	MPa	
Tensile Elongation (Break)	6.0	%	
Flexural Modulus	3100	MPa	
Flexural Strength	104	MPa	
Impact	Nominal Value	Unit	
Unnotched Izod Impact	25 to 27	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	53.0	°C	
Glass Transition Temperature	82.0	°C	DMA
NOTE			
1.	Liquid Resin		
2.	Liquid Resin		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

